



00862.023174

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
:
HIROSHI KONDO, et al.)
:
Application No.: 10/632,905)
:
Filed: August 4, 2003)
:
For: POWER CONVERTER AND)
ELECTRIC POWER : January 8, 2004
GENERATOR)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.56, Applicants respectfully direct the Examiner's attention to the documents listed below and on the enclosed Form PTO-1449. A copy of each document so listed is enclosed.

- (1) U.S. Patent 4,149,233
- (2) U.S. Patent 5,324,364
- (3) U.S. Patent 6,330,170
- (4) U.S. Patent 6,483,021
- (5) U.S. Patent 6,590,793
- (6) Japan 6-21494
- (7) Japan 6-309047
- (8) Japan 8-139439
- (9) Japan 9-117153
- (10) Japan 11-243219

(11) English Language Translation of Japanese Utility Model
Publication No. 4-6178

(12) F.J. Hurtado, et al., "Novel Harmonic Reduction and Uniy Power Factor DC/AC Conditioning Technique for Renewable Energies Applications", Proceedings of Stockholm Power Tech International Symposium on Electric Power Engineering, Vol. 2, June 18, 1995 (pp. 179-184).

Documents 6, 8, 10 and 11 were discussed in the specification and might be deemed pertinent for the reasons given there.

Documents 1, 3, 9 and 12 were cited during prosecution of a European patent application corresponding to the above U.S. application. A copy of the European Search Report is enclosed.

The concise explanation of relevance for the non-English documents cited above is provided in the European Search Report and by the English language abstracts included with the cited art. The Examiner is, of course, referred to the European Examiner's comments on the English language documents as well.

U.S. Patent 5,324,364 is believed to be an English language counter part to Japan 6-21494, and U.S. Patent 6,483,021 is believed to be an English language counterpart to Japan 11-243219; copies of those U.S. patent are enclosed and are also listed on Form PTO-1449. In addition, a complete English language translation of Japan 6-309047 has been prepared and is enclosed.

Inasmuch as this application has not yet received a first Office Action on the merits, it is believed that this Information Disclosure Statement is timely. See 37 C.F.R. § 1.97(b)(3).

The Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed

invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialling the appropriate portion of Form PTO-1449.

Applicants' undersigned attorney may be reached in our Costa Mesa, California office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

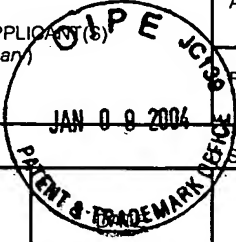
Respectfully submitted,


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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 00862.023174		APPLICATION NO. 10/632,905	
				APPLICANT Hiroshi Kondo, et al.		GROUP Unknown	
				FILING DATE August 4, 2003			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,149,233	4/10/79	Nagano	363	71	
		5,324,364	6/28/94	Matsuda, et al	136	249	
		6,330,170	12/11/01	Wang, et al	363	37	
		6,483,021	11/19/02	Saito	136	258	
		6,590,793	7/8/03	Nagao	363	95	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		6-21494	1/28/94	Japan			Abstract
		6-309047	11/4/94	Japan			Yes
		8-139439	5/31/96	Japan			Abstract
		9-117153	5/2/97	Japan			Abstract
		11-243219	9/7/99	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		English Language Translation of Japanese Utility Model Publication No. 4-6178					
		F.J. Hurtado, et al., "Novel Harmonic Reduction and Unity Power Factor DC/AC Conditioning Technique for Renewable Energies Applications", Proceedings of Stockholm Power Tech International Symposium on Electric Power Engineering, Vol. 2, June 18, 1995 (pp. 179-184).					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy, form with next communication to applicant.